

ABSTRACT OF THE DISCLOSURE

A broadcast network for broadcasting an optical signal to a plurality of end users at different locations. The network employs a multi-optical-fiber cable with a plurality of individual fibers, where the number of individual fibers corresponds 5 to the number of end users. An optical transmitter is provided for launching the optical signal to be broadcast into all the individual fibers. As the optical fiber cable passes each user, an individual optical fiber associated with the particular end user is split off from the multi-optical-fiber cable and terminates at the particular end user. The network includes a branch point, where the individual 10 fibers branch out to the individual users.